

100 →

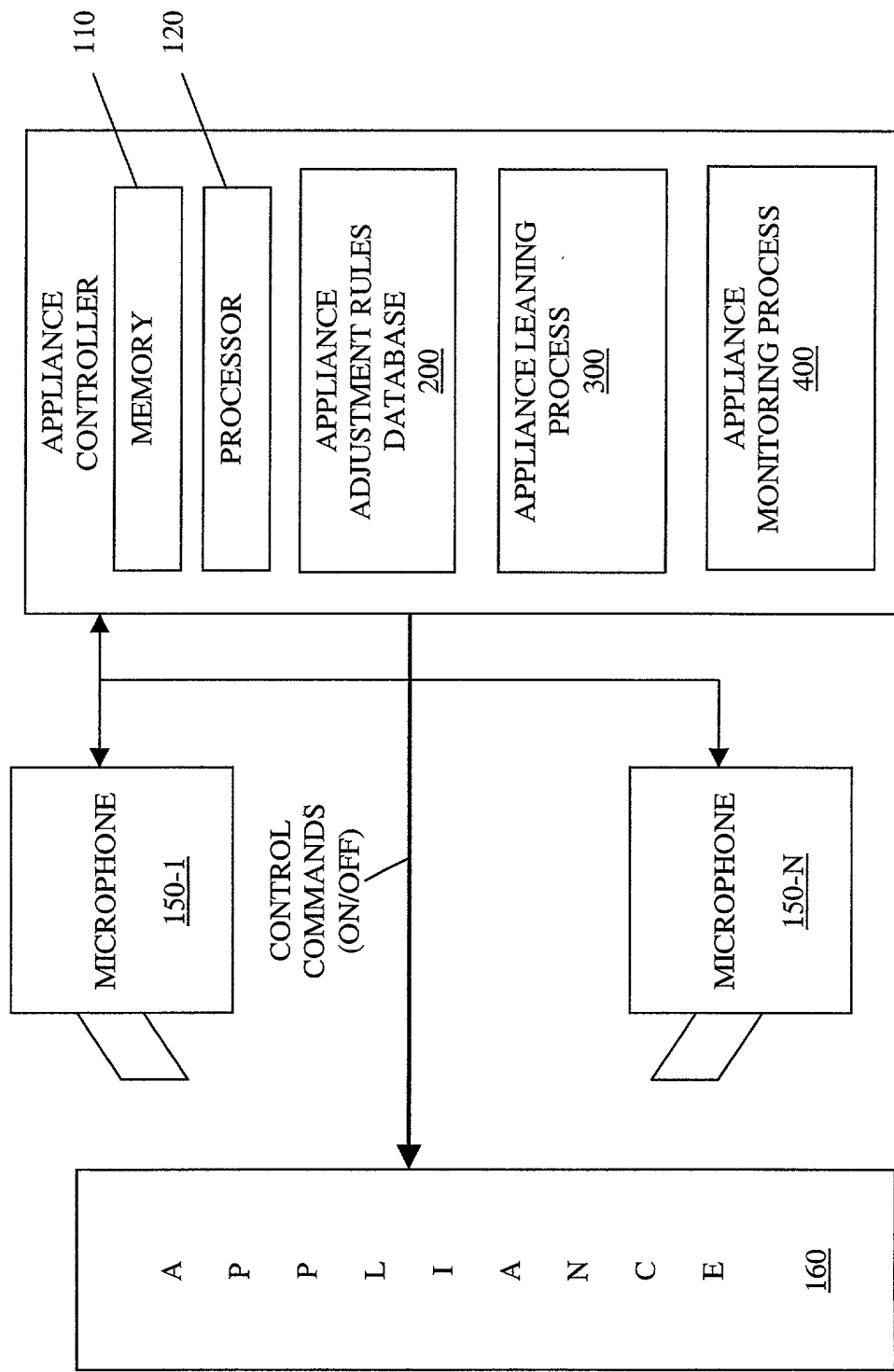


FIG. 1

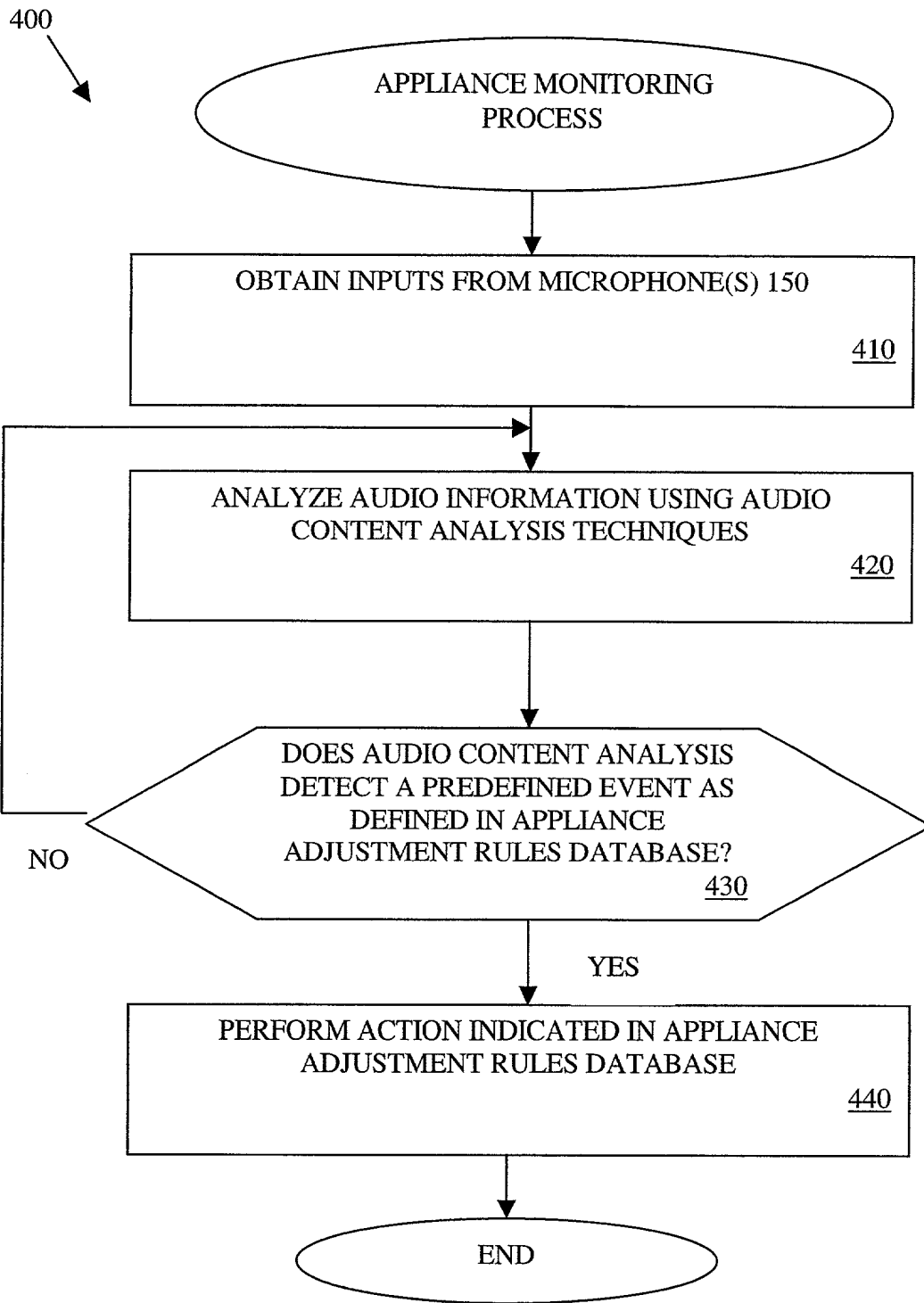


FIG. 4

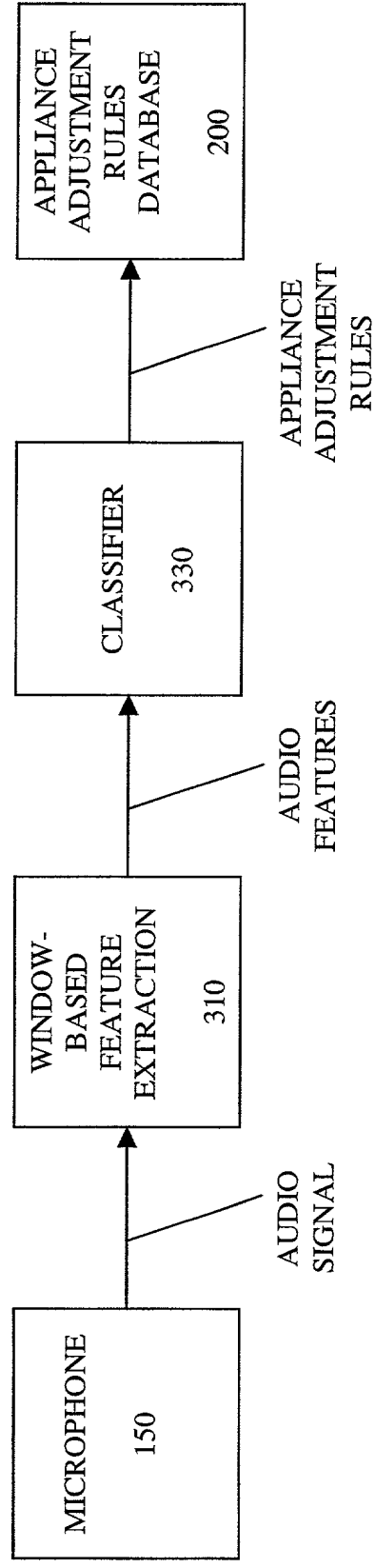


FIG. 3

APPLIANCE ADJUSTMENT RULES DATABASE -- 200

	APPLIANCE ID	AUDIO CHARACTERISTICS	ACTION
205	<u>250</u> MIXER (BREAD)	<u>260</u> SOUND REACHES SPECIFIED PITCH	<u>270</u> TURN MIXER TO HIGH SETTING FOR THIRTY SECONDS THEN TURN OFF MIXER
206	MIXER (CAKE MIX)	SOUND REACHES SPECIFIED PITCH	TURN MIXER TO HIGH SETTING FOR THIRTY SECONDS THEN TURN OFF MIXER
207	MIXER (DEFAULT)	SOUND REACHES SPECIFIED PITCH	TURN OFF MIXER; ACTIVATE BEEPER ALARM
208	MICROWAVE (POPCORN)	SOUND VOLUME FALLS BELOW THRESHOLD FOR AT LEAST 3 SECONDS	TURN OFF MICROWAVE; ACTIVATE MESSAGE ON TELEVISION
209	...		
210	ELECTRIC KETTLE	SOUND INTENSITY RISES ABOVE THRESHOLD FOR AT LEAST 3 SECONDS	TURN KETTLE DOWN UNTIL USER IS READY

FIG. 2